

Message

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**From:** Rapicavoli, Emmanuelle [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FF3604A98B624BB7A1A9A236EC176998-ERAPICAV]  
**Sent:** 7/5/2018 11:15:45 PM  
**To:** Rea, Brad (IHS/PHX) [Brad.Rea@ihs.gov]  
**CC:** Carter, James (IHS/PHX) [James.Carter2@ihs.gov]; Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]  
**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

Great. Eric, let me know if that time works.

Also, I did speak to Tim today and he confirmed that the HUC is fine with our IA process for the EPA funding. I also asked him for a timeframe for the power connection and he told me that he would have one by July 20<sup>th</sup> and provide that to IHS as well for inclusion in the overall project schedule.

Thanks

Emmanuelle

Emmanuelle Rapicavoli  
Drinking Water Protection Section (WTR 3-2)  
Environmental Protection Agency, Region 9  
75 Hawthorne Street  
San Francisco, Ca 94105  
(415) 972-3969 (phone)  
(415) 947-3545 (fax)

<https://www.epa.gov/tribal/region-9-drinking-water-tribal-set-aside-program>

Please: All data submittals to our office should be sent by email to [datamanager@epa.gov](mailto:datamanager@epa.gov) with a copy to me (or your project manager in the Drinking Water Office). Data reports are due no later than the 10<sup>th</sup> of the month following the month that you receive results, or the 10<sup>th</sup> of the month following the compliance period, whichever comes first. Please include the whole lab report and copy of the Chain of Custody. Label with PWS name and number; & source or distribution system location codes or names for data collection points.

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**From:** Rea, Brad (IHS/PHX) [mailto:Brad.Rea@ihs.gov]  
**Sent:** Thursday, July 5, 2018 2:17 PM  
**To:** Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>  
**Cc:** Carter, James (IHS/PHX) <James.Carter2@ihs.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>  
**Subject:** [SPAM-Phish] RE: Shongopavi HAMP connection schedule and interim measures

Monday 9 July at 10:30 a.m. works fine for me.

*Brad*

Brad Rea, P.E.

928.537.0578 x 207 (o)  
928.205.7568 (c)

[brad.rea@ihs.gov](mailto:brad.rea@ihs.gov)

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**From:** Carter, James (IHS/PHX)  
**Sent:** Thursday, July 05, 2018 2:14 PM

**To:** Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>; Rea, Brad (IHS/PHX) <Brad.Rea@ihs.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>

**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

That works with me.

James

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**From:** Rapicavoli, Emmanuelle [mailto:Rapicavoli.Emmanuelle@epa.gov]

**Sent:** Thursday, July 05, 2018 2:11 PM

**To:** Carter, James (IHS/PHX) <James.Carter2@ihs.gov>; Rea, Brad (IHS/PHX) <Brad.Rea@ihs.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>

**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

Thanks for our call earlier. It looks like I had some outdated information earlier and Roberto will be out all of next week except Monday. The only time that appears to work for a call would be Monday the 9<sup>th</sup> from 10:30AM-11:30 AM.

Let me know if that works. Thanks!

Emmanuelle Rapicavoli  
Drinking Water Protection Section (WTR 3-2)  
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**From:** Carter, James (IHS/PHX) [mailto:James.Carter2@ihs.gov]

**Sent:** Thursday, July 5, 2018 9:49 AM

**To:** [brad.rea@ihs.gov](mailto:brad.rea@ihs.gov); Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>

**Subject:** [SPAM-Phish] RE: Shongopavi HAMP connection schedule and interim measures

ok

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**From:** Rea, Brad (IHS/PHX)

**Sent:** Thursday, July 05, 2018 9:48 AM

**To:** Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>

**Cc:** Carter, James (IHS/PHX) <James.Carter2@ihs.gov>

**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

That time is fine with me.

*Brad*

Brad Rea, P.E.

928.537.0578 x 207 (o)

928.205.7568 (c)

[brad.rea@ihs.gov](mailto:brad.rea@ihs.gov)

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**From:** Rapicavoli, Emmanuelle [<mailto:Rapicavoli.Emmanuelle@epa.gov>]

**Sent:** Thursday, July 05, 2018 9:42 AM

**To:** Matson, Eric (IHS/PHX) <[Eric.Matson@ihs.gov](mailto:Eric.Matson@ihs.gov)>

**Cc:** Rea, Brad (IHS/PHX) <[Brad.Rea@ihs.gov](mailto:Brad.Rea@ihs.gov)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>

**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

Hi Eric, Brad, James,

Can we do 10:30 am this morning?

We can use my conference line below:

Instructions for the participant joining the conference call:

1. Conference Bridge Call in number: **415-947-8200**

2. Enter the 10 digit Conference Number. **Conference # 4159729099**

3. At the next prompt, press 2 and enter Participant Access Code **417230** followed by the # sign,

Thanks

Emmanuelle

Emmanuelle Rapicavoli

Drinking Water Protection Section (WTR 3-2)

Environmental Protection Agency, Region 9

75 Hawthorne Street

San Francisco, Ca 94105

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**From:** Matson, Eric (IHS/PHX) [<mailto:Eric.Matson@ihs.gov>]

**Sent:** Thursday, July 5, 2018 6:30 AM

**To:** Rapicavoli, Emmanuelle <[Rapicavoli.Emmanuelle@epa.gov](mailto:Rapicavoli.Emmanuelle@epa.gov)>

**Cc:** [brad.rea@ihs.gov](mailto:brad.rea@ihs.gov); Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>

**Subject:** [SPAM-Phish] RE: Shongopavi HAMP connection schedule and interim measures

Sounds good. I'm available any time with exception of 1:00 to 2:15.

Eric L. Matson, P.E.

CAPT, USPHS

Director (Acting), Sanitation Facilities Construction Program  
Phoenix Area Indian Health Service  
40 N. Central Ave., Suite 720  
Phoenix, AZ 85004  
Phone: 602-364-5072

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**From:** Rapicavoli, Emmanuelle [<mailto:Rapicavoli.Emmanuelle@epa.gov>]  
**Sent:** Tuesday, July 03, 2018 3:42 PM  
**To:** Matson, Eric (IHS/PHX) <[Eric.Matson@ihs.gov](mailto:Eric.Matson@ihs.gov)>  
**Cc:** Rea, Brad (IHS/PHX) <[Brad.Rea@ihs.gov](mailto:Brad.Rea@ihs.gov)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>  
**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

Hi Eric,

I can give you a call on Thursday and tie in EDO. I am relatively free that day just let me know a time that works.

I just looked at Roberto's calendar and he is out until next week (July 9<sup>th</sup>).

Might be best to hear from you first and then I can set something up with Roberto next week. I have a couple of other set-aside questions for you as well. Thanks

Emmanuelle

Emmanuelle Rapicavoli  
Drinking Water Protection Section (WTR 3-2)  
Environmental Protection Agency, Region 9  
75 Hawthorne Street  
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**From:** Matson, Eric (IHS/PHX) [<mailto:Eric.Matson@ihs.gov>]  
**Sent:** Tuesday, July 3, 2018 2:38 PM  
**To:** Rapicavoli, Emmanuelle <[Rapicavoli.Emmanuelle@epa.gov](mailto:Rapicavoli.Emmanuelle@epa.gov)>  
**Cc:** [brad.rea@ihs.gov](mailto:brad.rea@ihs.gov); Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>  
**Subject:** [SPAM-Phish] FW: Shongopavi HAMP connection schedule and interim measures

Hi Emmanuelle,

**Ex. 5 Deliberative Process (DP)**

**Eric L. Matson, P.E.**

CAPT, USPHS

Director (Acting), Sanitation Facilities Construction Program

Phoenix Area Indian Health Service

40 N. Central Ave., Suite 720

Phoenix, AZ 85004

Phone: 602-364-5072

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**From:** Carter, James (IHS/PHX)

**Sent:** Tuesday, July 03, 2018 1:38 PM

**To:** Matson, Eric (IHS/PHX) <[Eric.Matson@ihs.gov](mailto:Eric.Matson@ihs.gov)>

**Cc:** Heintzman, Tom (IHS/PHX) <[Tom.Heintzman@ihs.gov](mailto:Tom.Heintzman@ihs.gov)>; Rea, Brad (IHS/PHX) <[Brad.Rea@ihs.gov](mailto:Brad.Rea@ihs.gov)>

**Subject:** FW: Shongopavi HAMP connection schedule and interim measures

FYI. I think I need to schedule a meeting immediately after distributing the 10% design package with Tim and Brad to discuss the engineering now that the options are out there for the 10% meeting. I don't know if we want to have a big audience as we go over the engineering initially. Maybe we can follow up with a meeting with everyone once this all has been explained with visuals to Tim.

Thanks,

James

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**From:** Tim Bodell [<mailto:tbodell@hopiuc.com>]

**Sent:** Tuesday, July 03, 2018 12:42 PM

**To:** Litofsky, Alexandra (IHS/PHX) <[Alexandra.Litofsky@ihs.gov](mailto:Alexandra.Litofsky@ihs.gov)>; Leon F. Lomakema <[shungopavicsa@hopitelecom.net](mailto:shungopavicsa@hopitelecom.net)>; Vern Mansfield <[mansfieldvern@yahoo.com](mailto:mansfieldvern@yahoo.com)>

**Cc:** Yazzie, Lydell (IHS/PHX) <[Lydell.Yazzie@ihs.gov](mailto:Lydell.Yazzie@ihs.gov)>; 'Lionel Puhuyesva' <[L.Puhuyesva@hopi.nsn.us](mailto:L.Puhuyesva@hopi.nsn.us)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>; Theresa Thin Elk <[TThinElk@hopi.nsn.us](mailto:TThinElk@hopi.nsn.us)>; Carroll Onsae <[consae@hopitelecom.com](mailto:consae@hopitelecom.com)>

**Subject:** RE: Shongopavi HAMP connection schedule and interim measures

Hi Alex,

Thanks for relaying Shongopavi Village and traditional leader questions regarding WHAT CAN INDIAN HEALTH SERVICE do about:

A) Arsenic Mitigation Schedule?

*Captain Matson unilaterally extended the HAMP schedule from 2 Years duration estimated by regional construction and engineering experts to 5 Years. He also committed to convince USEPA to extend the enforcement schedule accordingly. We look forward to his report.*

B) Interim drinking water supply measures?

*IHS can expedite or allocate direct funds for HUC to expedite the fast track completion of the Turquoise trail well head facilities to provide arsenic compliant bulk water. If those funds are allocated to HUC through an existing or future MOA we can complete the design and construction of well head improvements in approximately 9 Months.*

C) Administrative order fine amount?

*IHS and HUC must defer to the Hopi Tribe General Council Theresa Thinelk who is appointed to be the point of contact on Administrative Order negotiations.*

I think the main thing IHS can do is to begin to submit HAMP deliverables on schedule. HUC committed to meet with the villages upon completion of the PER; and now again on completion of the 10% Design Report to clarify the locations of

wholesale meters and HAMP village connections. We keep moving the village meetings schedule back due to IHS sustained non-completion of the required deliverables. We will reschedule the HAMP village meetings upon review of the 10% Design Report which is due again today.

Specifically with regard to Shongopavi HAMP connection, Jesse De Couteau completed the design of a Shongopavi HAMP connection and distribution line project to deliver HAMP Water from the intersection of Route 264 and Route 4 into the Shongopavi Water System under the mine funding program. What is the status of that project?

Thanks for keeping in touch on these issues. We enjoy coordinating with you and communicating with the villages more effectively to build a seamless and unified safe water system.

Cheers.

TIM

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**From:** Litofsky, Alexandra (IHS/PHX) <[Alexandra.Litofsky@ihs.gov](mailto:Alexandra.Litofsky@ihs.gov)>  
**Sent:** Tuesday, July 03, 2018 10:24 AM  
**To:** Tim Bodell <[tbodell@hopiuc.com](mailto:tbodell@hopiuc.com)>  
**Cc:** Yazzie, Lydell (IHS/PHX) <[Lydell.Yazzie@ihs.gov](mailto:Lydell.Yazzie@ihs.gov)>; 'Lionel Puhuyesva' <[L.Puhuyesva@hopi.nsn.us](mailto:L.Puhuyesva@hopi.nsn.us)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>; Theresa Thin Elk <[TThinElk@hopi.nsn.us](mailto:TThinElk@hopi.nsn.us)>; Carroll Onsaе <[consae@hopitelecom.com](mailto:consae@hopitelecom.com)>  
**Subject:** RE: EPA fines/Administrative Order/HAMP deployment schedule and Interim Measures to provide drinking water.

Hi Tim,

Shungopavi Village has now also asked Lydell today about this issue, which makes 4 times that the Village has expressed concern to IHS. Since IHS is already assisting in the greatest capacity that we can (by working on the HAMP), perhaps HUC and the Tribe can communicate the situation to the Village?

Thanks,  
Alex

---

**From:** Tim Bodell [<mailto:tbodell@hopiuc.com>]  
**Sent:** Monday, June 25, 2018 3:18 PM  
**To:** Litofsky, Alexandra (IHS/PHX) <[Alexandra.Litofsky@ihs.gov](mailto:Alexandra.Litofsky@ihs.gov)>  
**Cc:** Yazzie, Lydell (IHS/PHX) <[Lydell.Yazzie@ihs.gov](mailto:Lydell.Yazzie@ihs.gov)>; 'Lionel Puhuyesva' <[L.Puhuyesva@hopi.nsn.us](mailto:L.Puhuyesva@hopi.nsn.us)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>; Theresa Thin Elk <[TThinElk@hopi.nsn.us](mailto:TThinElk@hopi.nsn.us)>; Carroll Onsaе <[consae@hopitelecom.com](mailto:consae@hopitelecom.com)>  
**Subject:** RE: EPA fines/Administrative Order/HAMP deployment schedule and Interim Measures to provide drinking water.

Hi Alex,

Thanks for the inquiry about: *EPA fines/Administrative Order/HAMP deployment schedule and Interim Measures to provide temporary drinking water.*

The Hopi Tribal Council designated General Council Theresa Thinelk as the point of contact with US EPA R9 on the arsenic enforcement (Administrative Order) Issue.

In previous official HAMP meetings EPA, The Tribe and effected villages agreed to focus on the ultimate sustainable solution (HAMP) without diverting resources to temporary "Band Aid Fixes" (Interim Measures), since arsenic is a long term cumulative (chronic), not immediate (acute) health risk.

When Captain Matson proposed the 5 Year HAMP schedule he committed to convince, or at least volunteered to try and persuade, EPA R9 Drinking Water Enforcement Division that 5 Years is an appropriate or acceptable time frame. He has not reported to HUC on that topic yet.

HUC is very optimistic that by pooling our mutual design and construction management resources with IHS EADO, we can accelerate the delivery schedule of the project.

If you would like we can add the *Interim Measure* and accelerated schedule topics to the HAMP 10 % Design Review Meeting.

Kwak,kwah.

TIM

PS- Lt. Carter: This letter is not intended to represent HUC design review comments, HUC preferences or construed as an extension to the 10% Design Report submittal schedule.

---

**From:** Litofsky, Alexandra (IHS/PHX) <Alexandra.Litofsky@ihs.gov>  
**Sent:** Monday, June 25, 2018 1:53 PM  
**To:** Tim Bodell <tbodell@hopiuc.com>  
**Cc:** Yazzie, Lydell (IHS/PHX) <Lydell.Yazzie@ihs.gov>; 'Lionel Puhuyesva' <LPuhuyesva@hopi.nsn.us>; Carter, James (IHS/PHX) <james.Carter2@ihs.gov>  
**Subject:** RE: EPA fines?

Hi Tim,

Do you know anything about the issue below?

Thanks,  
Alex

---

**From:** Lionel Puhuyesva [mailto:LPuhuyesva@hopi.nsn.us]  
**Sent:** Monday, June 25, 2018 1:07 PM  
**To:** Litofsky, Alexandra (IHS/PHX) <Alexandra.Litofsky@ihs.gov>  
**Cc:** Yazzie, Lydell (IHS/PHX) <Lydell.Yazzie@ihs.gov>  
**Subject:** RE: EPA fines?

Honestly, this should be directed to Tim Bodel.

Lionel

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**From:** Litofsky, Alexandra (IHS/PHX) [mailto:Alexandra.Litofsky@ihs.gov]  
**Sent:** Monday, June 25, 2018 12:47 PM  
**To:** Lionel Puhuyesva  
**Cc:** Yazzie, Lydell (IHS/PHX)  
**Subject:** EPA fines?

Hi Lionel,

Shungopavi Village has now asked me a few times (by Leon Lomakema and by Lee Wayne Lomayestewa) if there is anything that IHS can do to help the Village provide EPA-compliant water to its residents in the time before the HAMP is usable, since the EPA has told the Village that they will be subject to a \$1400/day fine (or something like that). Leon also mentioned this when Leslie Temple was visiting from EPA headquarters.

Do you know anything about this? Should I be following up on this at our District Level?

Thanks,  
Alex